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FM 30-41

UNCLASSIFIED

WAR DEPARTMENT

BASIC FIELD MANUAL

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MILITARY INTELLIGENCE

IDENTIFICATION OF  
BRITISH ARMORED VEHICLES

May 27, 1941

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FM 30-41

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BASIC FIELD MANUAL



MILITARY INTELLIGENCE  
IDENTIFICATION OF  
BRITISH ARMORED VEHICLES

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Prepared under direction of the  
Chief of Staff



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WAR DEPARTMENT,  
WASHINGTON, May 27, 1941.

FM 30-41, Military Intelligence, Identification of British Armored Vehicles, is published for the information and guidance of all concerned.

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BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL,  
*Chief of Staff.*

OFFICIAL:

E. S. ADAMS,  
*Major General,*  
*The Adjutant General.*

Distribution:

X

(For explanation of symbols, see FM 21-6.)

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## BASIC FIELD MANUAL

### MILITARY INTELLIGENCE

#### IDENTIFICATION OF BRITISH ARMORED VEHICLES

##### SECTION I

##### GENERAL

■ 1. PURPOSE.—The purpose of this manual is to serve as a guide in the identification of armored vehicles of the British Army. The material is the best available but may be incomplete and, in some respects, inaccurate.

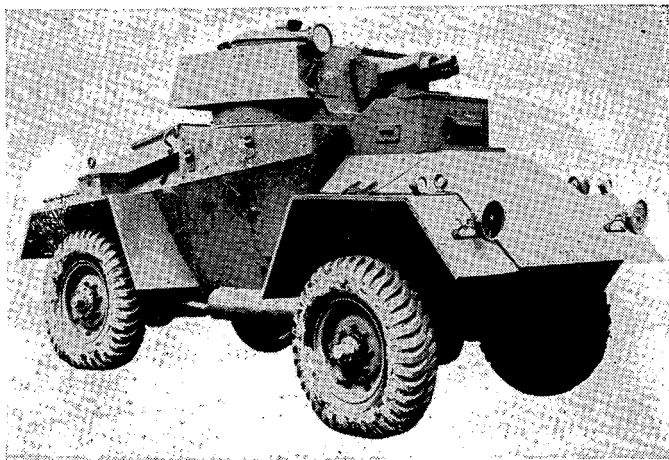
■ 2. SCOPE.—This manual, containing illustrations with explanatory data relative to British armored vehicles, is published for limited distribution. When illustrations are not given, blank spaces have been left so that they may be added when provided. The manual will be used for instruction of officers and men in the appearance and general characteristics of armored vehicles and will be safeguarded as prescribed in AR 380-5.

■ 3. METHOD OF IDENTIFICATION AND CLASSIFICATION OF ARMORED VEHICLES.—For method of identification and classification of armored vehicles see FM 30-40.



**SECTION II**  
**ARMORED VEHICLES OF THE BRITISH ARMY**

BRITISH  
ARMY



SCOUT CAR  
GUY ARMORED CAR

1. Crew: Three.
2. Armament: One 15-mm Besa machine gun; one 7.92-mm Besa machine gun.
3. Ammunition: 150 rounds for gun; 2,250 rounds for machine gun.
4. Armor, thickness: 0.55 inch.  
Upper structure:  
Front:  
Sides:
5. Turret:
6. Vision: Triplex glass block slits, Grundlach periscope, telescopic sight.
7. Ventilation:
8. Communications: 2 - way radio.
9. Dimensions:  
Length: 14 feet, 6 inches.  
Width: 7 feet 1 inch.  
Height: 8 feet 1 inch.
10. Weight: 5.6 tons.
11. Motor: Meadows.  
Type: 4-cylinder.  
Cooling system:  
Horsepower: 53 horsepower at 2,400 revolutions per minute.  
Horsepower per ton: 9.5.
12. Drive:
13. Speed:  
Cross-country: 16 miles per hour.  
Road: 24 miles per hour.  
Maximum: 40 miles per hour.
14. Cruising radius, at ----- speed 200 miles.
15. Operating distance without refill:
16. Gear speeds and ratios:
17. Turning radius:
18. Suspension, type: Automobile, four wheels.
19. Performance:  
Ground clearance: 12 inches.  
Climbs 25° slopes.  
Negotiates vertical obstacle ----- high.  
Crosses trenches ----- wide.  
Fords streams 1 foot 7 inches deep.
20. Remarks: The Guy is intended to replace Morris Armored Reconnaissance Car.



IDENTIFICATION OF BRITISH ARMORED VEHICLES

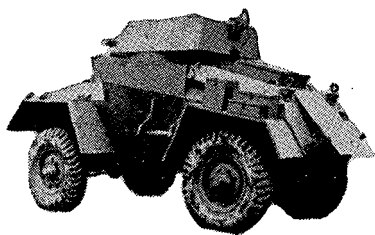
BRITISH  
ARMY

SCOUT CAR  
GUY  
ARMORED CAR

Top.



Front.



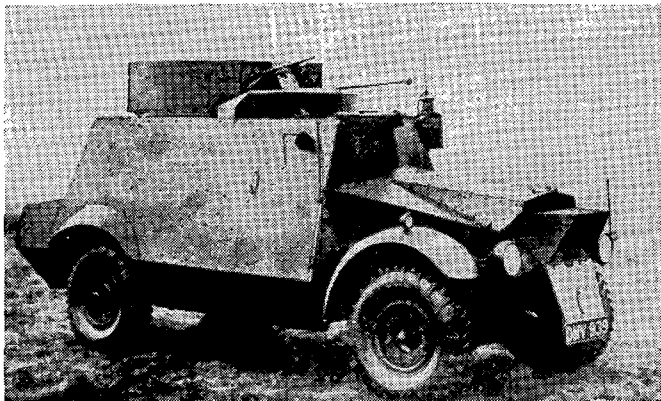
Rear.



Side.

# MILITARY INTELLIGENCE

## BRITISH ARMY



### SCOUT CAR MORRIS ARMORED RECONNAISSANCE CAR

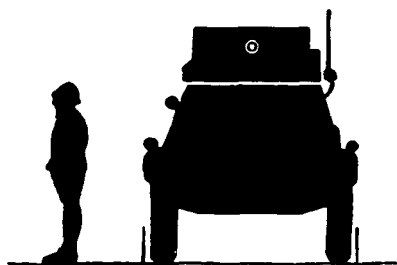
- |                                                                                                                                                              |                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Crew: Four.                                                                                                                                               | 12. Drive:                                                                                                                                                                         |
| 2. Armament: One .303-cal.<br>Bren machine gun; one .55<br>Boys antitank rifle.                                                                              | 13. Speed:<br>Cross-country: 24 miles<br>per hour.<br>Road: 45 miles per hour.<br>Maximum: 65 miles per<br>hour.                                                                   |
| 3. Ammunition:                                                                                                                                               |                                                                                                                                                                                    |
| 4. Armor, thickness: $\frac{3}{8}$ inch.<br>Upper structure:<br>Front:<br>Sides:                                                                             | 14. Cruising radius, at -----<br>speed 240 miles.                                                                                                                                  |
| 5. Turret:                                                                                                                                                   | 15. Operating distance without<br>refill: Capacity, 30 gallons.                                                                                                                    |
| 6. Vision:                                                                                                                                                   | 16. Gear speeds and ratios:                                                                                                                                                        |
| 7. Ventilation:                                                                                                                                              | 17. Turning radius:                                                                                                                                                                |
| 8. Communications: Radio.                                                                                                                                    | 18. Suspension, type: Automob-<br>ile, four wheels.                                                                                                                                |
| 9. Dimensions:<br>Length:<br>Width:<br>Height:                                                                                                               | 19. Performance:<br>Ground clearance:<br>Climbs -----° slopes.<br>Negotiates vertical ob-<br>stacle ----- high.<br>Crosses trenches -----<br>wide.<br>Fords streams -----<br>deep. |
| 10. Weight: 4.48 tons.                                                                                                                                       | 20. Remarks:                                                                                                                                                                       |
| 11. Motor: Morris.<br>Type: 6 cylinders.<br>Cooling system:<br>Horsepower: 99.5 horse-<br>power at 3,000 revolu-<br>tions per minute.<br>Horsepower per ton: |                                                                                                                                                                                    |

IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

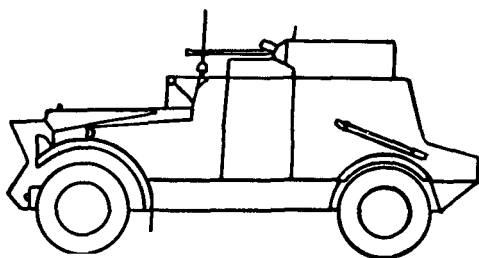
SCOUT CAR  
MORRIS ARMORED  
RECONNAISSANCE CAR

Top.



Front.

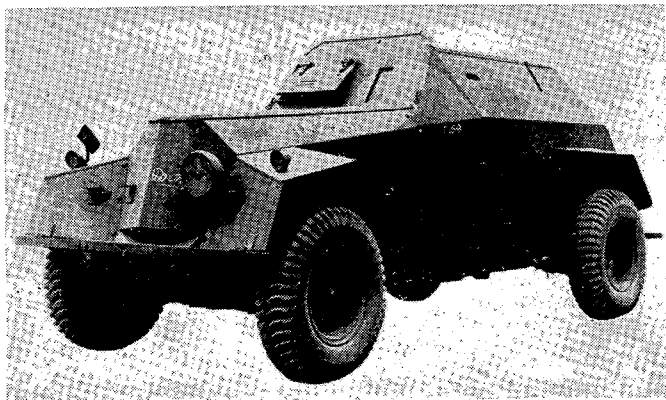
Rear.



Side.

## MILITARY INTELLIGENCE

### BRITISH ARMY



#### HUMBER ARMORED CAR

- |                                                                                      |                                                  |
|--------------------------------------------------------------------------------------|--------------------------------------------------|
| 1. Crew: Three.                                                                      | Horsepower:                                      |
| 2. Armament: One machine gun, 7.92-cal.; one machine gun, 15-mm.                     | Horsepower per ton:                              |
| 3. Ammunition: 2,250 rounds for light machine gun; 150 rounds for heavy machine gun. | 12. Drive:                                       |
| 4. Armour, thickness: 0.55 inch.                                                     | 13. Speed:                                       |
| Upper structure:                                                                     | Cross-country:                                   |
| Front:                                                                               | Road:                                            |
| Sides:                                                                               | Maximum:                                         |
| 5. Turret:                                                                           | 14. Cruising radius, at ----- speed ----- miles. |
| 6. Vision:                                                                           | 15. Operating distance without refill:           |
| 7. Ventilation:                                                                      | 16. Gear speeds and ratios:                      |
| 8. Communications: Radio.                                                            | 17. Turning radius:                              |
| 9. Dimensions:                                                                       | 18. Suspension, type:                            |
| Length:                                                                              | 19. Performance:                                 |
| Width:                                                                               | Ground clearance:                                |
| Height:                                                                              | Climbs -----° slopes.                            |
| 10. Weight:                                                                          | Negotiates vertical obstacle ----- high.         |
| 11. Motor:                                                                           | Crosses trenches ----- wide.                     |
| Type: Karrier—6-cylinder.                                                            | Fords streams ----- deep.                        |
| Cooling system:                                                                      | 20. Remarks:                                     |

IDENTIFICATION OF BRITISH ARMORED VEHICLES

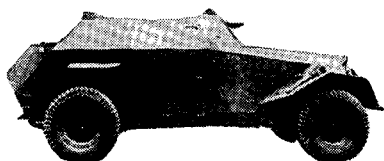
BRITISH  
ARMY

HUMBER  
ARMORED CAR

Top.

Front.

Rear.



Side.

# MILITARY INTELLIGENCE

## BRITISH ARMY



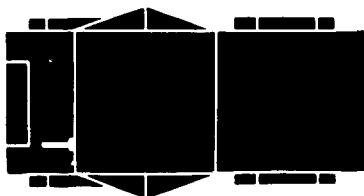
### SCOUT CAR BSA

- |                                                |                                                                     |
|------------------------------------------------|---------------------------------------------------------------------|
| 1. Crew: Two.                                  | 12. Drive:                                                          |
| 2. Armament: One .303-cal. Bren machine gun.   | 13. Speed:                                                          |
| 3. Ammunition: 2,500 rounds (estimate).        | Cross-country: 20 miles per hour.                                   |
| 4. Armor, thickness:                           | Road: 35 miles per hour.                                            |
| Upper structure: 1 inch.                       | Maximum: 55 miles per hour.                                         |
| Front: $\frac{3}{16}$ inch.                    | 14. Cruising radius, at speed 200 miles.                            |
| Sides: $\frac{1}{4}$ inch.                     | 15. Operating distance without refill:                              |
| 5. Turret:                                     | 16. Gear speeds and ratios:                                         |
| 6. Vision: Slits with triplex blocks.          | 17. Turning radius:                                                 |
| 7. Ventilation:                                | 18. Suspension, type: Automobile, four wheels independently sprung. |
| 8. Communications: Voice, no radio.            | 19. Performance:                                                    |
| 9. Dimensions:                                 | Ground clearance: 10 inches.                                        |
| Length: 10 feet 5 inches.                      | Climbs $\text{-----}^\circ$ slopes.                                 |
| Width: 6 feet 7 inches.                        | Negotiates vertical obstacle $\text{-----}$ high.                   |
| Height: 5 feet.                                | Crosses trenches $\text{-----}$ wide.                               |
| 10. Weight: $2\frac{1}{2}$ tons (approximate). | Fords streams $\text{-----}$ deep.                                  |
| 11. Motor: Daimler.                            | 20. Remarks:                                                        |
| Type: 6-cylinder.                              |                                                                     |
| Cooling system: Water.                         |                                                                     |
| Horsepower: 18 horsepower.                     |                                                                     |
| Horsepower per ton:                            |                                                                     |

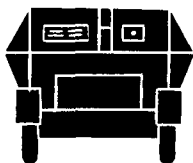
IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

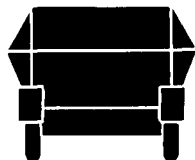
SCOUT CAR  
BSA



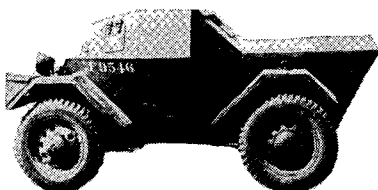
Top.



Front.



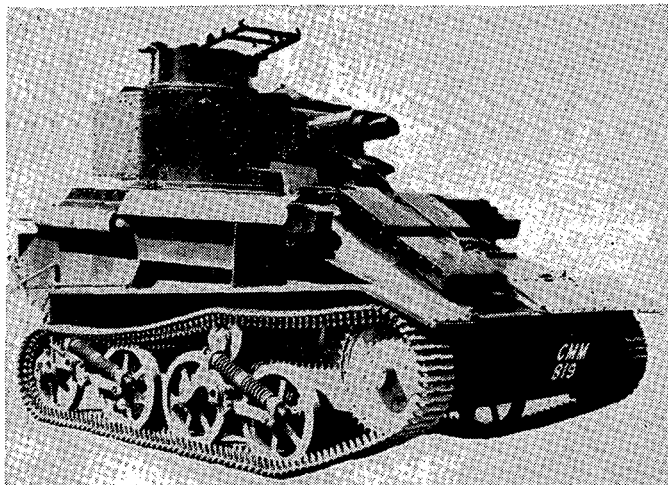
Rear.



Side.

The above silhouettes were prepared from a sketch and are not extremely accurate.

BRITISH  
ARMY



LIGHT TANK MARK VI

1. Crew: Three.
2. Armament: One .50-cal. machine gun; one .303-cal. machine gun.
3. Ammunition: 2,500 rounds .50-cal.; 2,500 rounds .303-cal.
4. Armor, thickness: 0.55 inch.  
Upper structure:  
Front: 0.55 inch.  
Sides: 0.51 inch.
5. Turret: One.
6. Vision: S. SB. T.
7. Ventilation: No special system.
8. Communications:  
Internal: Voice tube.  
External: Wireless, flag.
9. Dimensions:  
Length: 13 feet.  
Width: 6 feet 8 inches.  
Height: 6 feet 9 inches.
10. Weight: 6.27 tons.
11. Motor: Meadows.  
Type: 6-cylinder.  
Cooling system: Water.  
Horsepower: 88 horsepower at 3,000 revolutions per minute.
12. Drive:  
Horsepower per ton: 14.
13. Speed:  
Cross-country: 23 miles per hour.  
Road:  
Maximum: 30 miles per hour.
14. Cruising radius, at ----- speed, 150 miles.
15. Operating distance without refill: Capacity, 42 gallons.
16. Gear speeds and ratios: Four forward, one reverse.
17. Turning radius: 16 feet (estimated).
18. Suspension, type: Two bogies, eight bogie wheels, two track support wheels.
19. Performance:  
Ground clearance:  
Climbs 25° slopes.  
Negotiates vertical obstacle 2 feet high.  
Crosses trenches 4 feet wide.  
Fords streams 2 feet 6 inches deep.
20. Remarks: Rough riding and unsteady as a gun platform. Similar in appearance to Light Tank Mark VI-C.

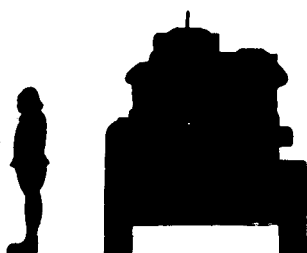


IDENTIFICATION OF BRITISH ARMORED VEHICLES

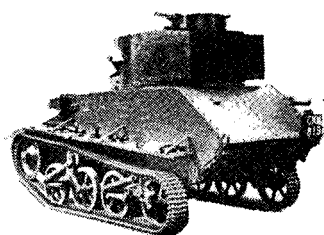
BRITISH  
ARMY

LIGHT TANK  
MARK VI

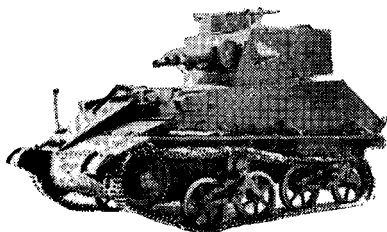
Top.



Front.

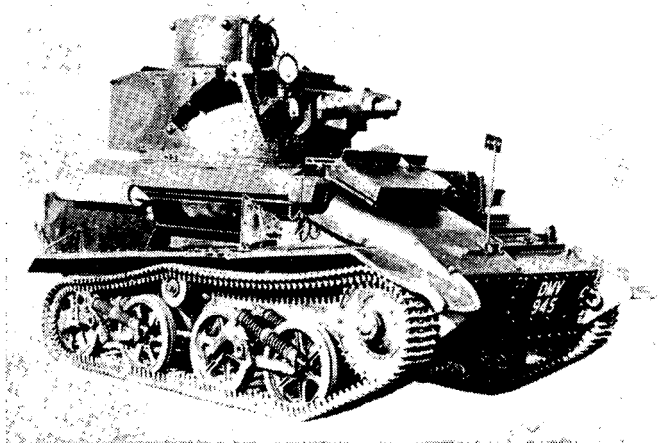


Rear.



Side.

BRITISH  
ARMY



LIGHT TANK MARK VI-B.

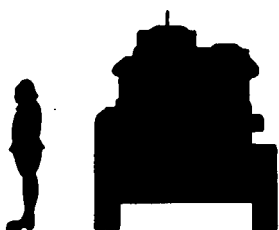
1. Crew: Three.
2. Armament: One .50-cal. machine gun; one .303-cal. machine gun.
3. Ammunition: 2,500 rounds .50-cal.; 2,500 rounds .303-cal.
4. Armor, thickness: 0.55 inch.  
Upper structure:  
Front: 0.55 inch.  
Sides: 0.51 inch.
5. Turret: One.
6. Vision: S. SB. T.
7. Ventilation: No special system.
8. Communications:  
Internal: Voice tube.  
External: Wireless, flag.
9. Dimensions:  
Length: 13 feet.  
Width: 6 feet 8 inches.  
Height: 6 feet 9 inches.
10. Weight: 6.27 tons.
11. Motor: Meadows.  
Type: 6-cylinder.  
Cooling system: Water.  
Horsepower: 88 horsepower at 3,000 revolutions per minute.  
Horsepower per ton: 14.
12. Drive: Clutch brake?
13. Speed:  
Cross-country: 23 miles per hour.  
Road:  
Maximum: 30 miles per hour.
14. Cruising radius at ----- speed 150 miles.
15. Operating distance without refill: Capacity, 42 gallons.
16. Gear speeds and ratios: Four forward, one reverse.
17. Turning radius: 16 feet (estimated).
18. Suspension, type: Two bogies, eight bogie wheels, two track support wheels.
19. Performance:  
Ground clearance:  
Climbs 25° slopes.  
Negotiates vertical obstacle 2 feet high.  
Crosses trenches 4 feet wide.  
Fords streams 2 feet 6 inches deep.
20. Remarks: Rough riding and unsteady as a gun platform. When Besa gun substituted for Vickers machine gun, tank is called Mark VI-C.

IDENTIFICATION OF BRITISH ARMORED VEHICLES

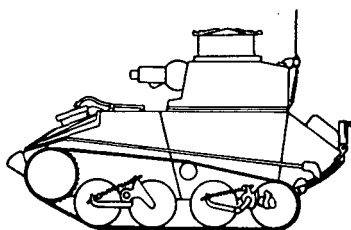
BRITISH  
ARMY

LIGHT TANK  
MARK VI-B

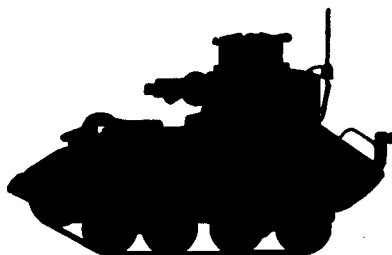
Top.



Front.

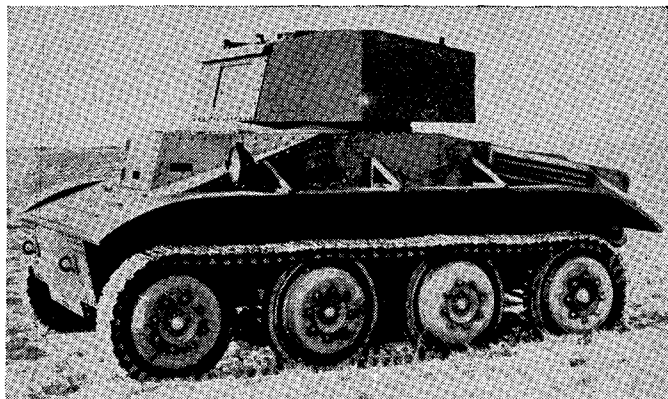


Side.



Side.

BRITISH  
ARMY



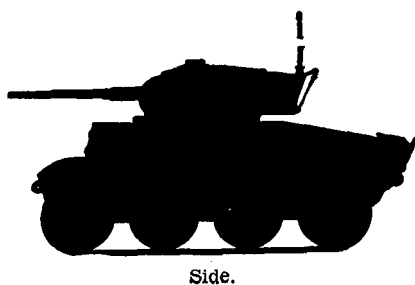
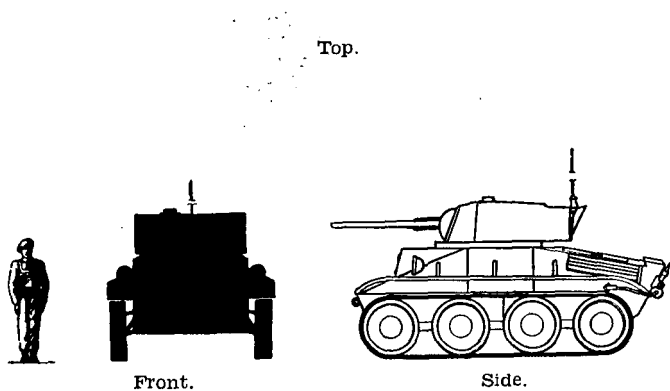
LIGHT TANK MARK VII

1. Crew: Three.
2. Armament: One 40-mm gun; one 7.92-mm machine gun; two smoke dischargers.
3. Ammunition: 50 rounds 40-mm; 2,025 rounds 7.92-mm; 8 rounds 4-inch smoke.
4. Armor, thickness: 0.55 inch.  
Upper structure:  
Front: 0.63 inch.  
Sides:
5. Turret:
3. Ammunition: 50 rounds 40-mm; episcopes, triplex blocks.
7. Ventilation: Two radiators in rear draw gases from fighting compartment.
8. Communications: Radio, lamp, flag. Internal: telephone using radio set.
9. Dimensions:  
Length: 13 feet 5 inches (14 feet 1 inch with gun to front).  
Width: 7 feet 7 inches.  
Height: 6 feet 11½ inches with periscope; 6 feet 7½ inches without periscope.
10. Weight: 7.84 tons.
11. Motor: Meadows.  
Type: 12-cylinder.  
Cooling system: Water.  
Horsepower: 165 horsepower at 2,800 revolutions per minute.  
Horsepower per ton: 21.04.
12. Steering, brake or controlled differential: Curving track, also auxiliary brake steering.
13. Speed:  
Cross-country:  
Road:  
Maximum: 40 miles per hour.
14. Cruising radius, at ----- speed 200 miles.
15. Operating distance without refill: Capacity, 50.6 gallons.
16. Gear speeds and ratios: Five forward, one reverse.
17. Turning radius: 87 feet.
18. Suspension, type: Christie type, eight wheels 28.5 inches in diameter.
19. Performance:  
Ground clearance: 14 inches.  
Climbs 35° slopes.  
Negotiates vertical obstacle 2 feet high.  
Crosses trenches 5 feet wide.  
Fords streams 2 feet deep.
20. Remarks: Latest and final type light tank.

IDENTIFICATION OF BRITISH ARMORED VEHICLES

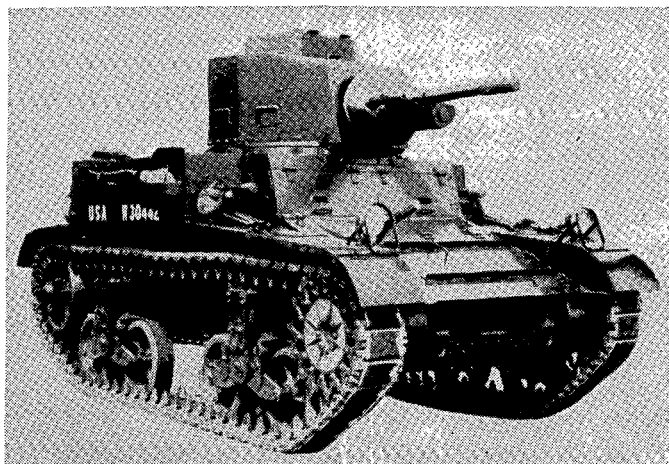
BRITISH  
ARMY

LIGHT TANK  
MARK VII



MILITARY INTELLIGENCE

BRITISH  
ARMY



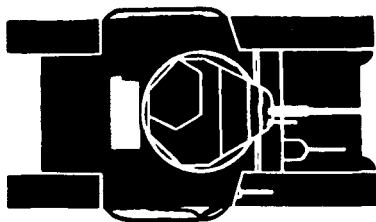
LIGHT TANK

(Similar to United States Army Light Tank M2A4)

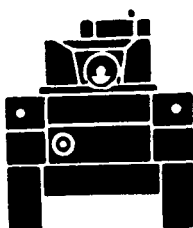
IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

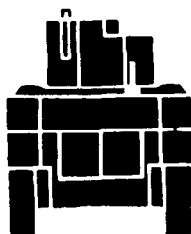
LIGHT TANK  
(Similar to  
United States Army  
Light Tank M2A4)



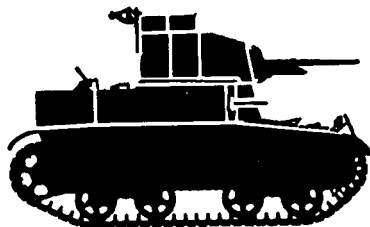
Top.



Front.



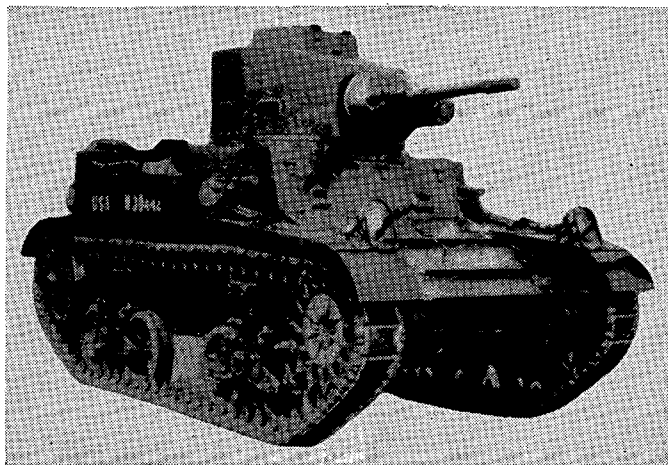
Rear.



Side.

MILITARY INTELLIGENCE

BRITISH  
ARMY



LIGHT TANK

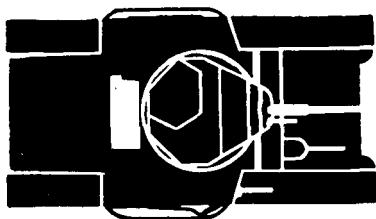
(Similar to United States Army Light Tank M3)



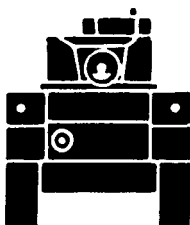
IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

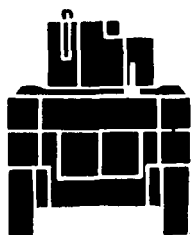
LIGHT TANK  
(Similar to  
United States Army  
Light Tank M3)



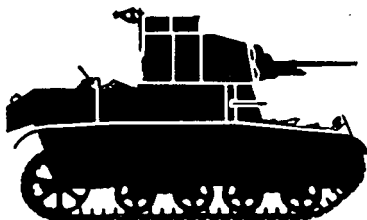
Top.



Front.

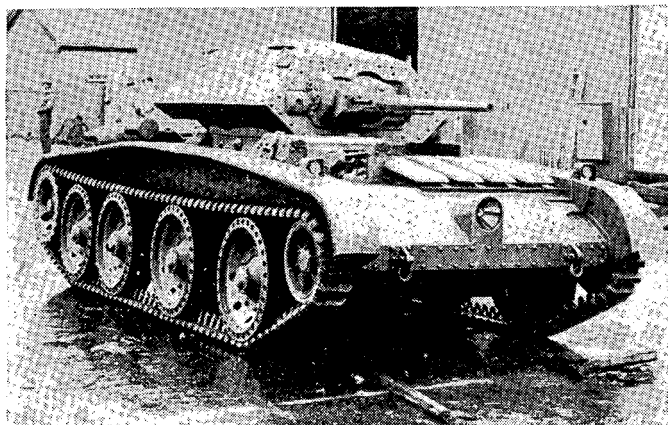


Rear.



Side.

BRITISH  
ARMY



MEDIUM TANK  
CRUISER TANK, MARK V A13

1. Crew: Four.
2. Armament: One 40-mm gun; two machine guns; one submachine gun.
3. Ammunition: 87 rounds for gun; 4,275 rounds for machine gun; thirty 2-inch smoke bombs.
4. Armor, thickness:
  - Upper structure: 1.57 inches.
  - Front: 1.57 inches.
  - Sides: 1.18 inches.
5. Turret:
6. Vision: S. SB. T.
7. Ventilation:
8. Communications:
9. Dimensions:
  - Length: 19 feet 2 inches.
  - Width: 8 feet.
  - Height: 8 feet 3 inches.
10. Weight: 17.92 tons.
11. Motor: Meadows.
  - Type: 12-cylinder.
  - Cooling system:
  - Horsepower: 344 horsepower at 1,550 revolutions per minute.
  - Horsepower per ton: 23.6.
12. Drive:
13. Speed:
  - Cross-country: 20 miles per hour.
  - Road:
  - Maximum: 30 miles per hour.
14. Cruising radius, at ----- speed 140 miles.
15. Operating distance without refill: Capacity, 88 gallons.
16. Gear speeds and ratios: Four forward, one reverse.
17. Turning radius:
18. Suspension, type: Eight wheels, Christie type.
19. Performance:
  - Ground clearance:
  - Climbs 35° slopes.
  - Negotiates verticle obstacle 3 feet high.
  - Crosses trenches 7 feet 6 inches wide.
  - Fords streams ----- deep.
20. Remarks: two smoke dischargers.

IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

MEDIUM TANK  
CRUISER TANK  
MARK V A13

Top.

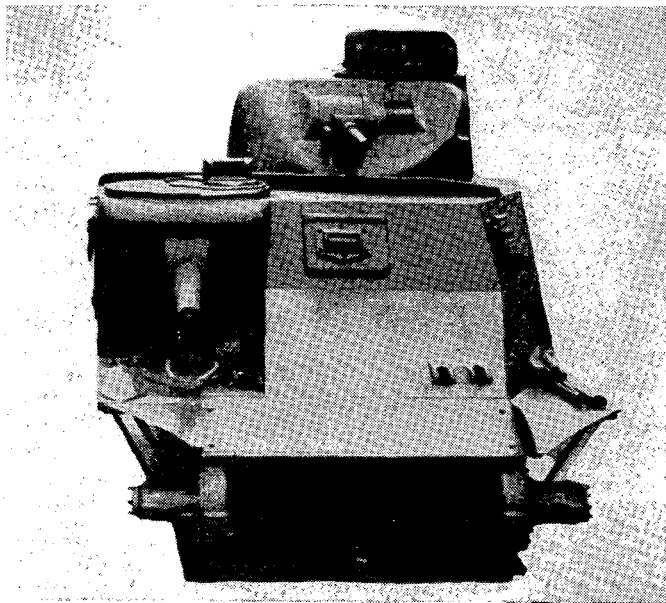
Front.

Rear.

Side.

MILITARY INTELLIGENCE

BRITISH  
ARMY



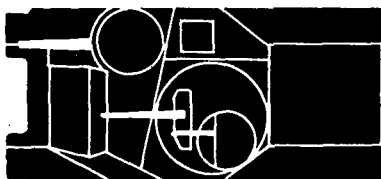
MEDIUM TANK

(Similar to United States Army Medium Tank M3)

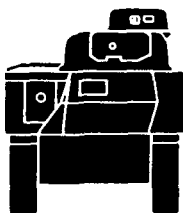
IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

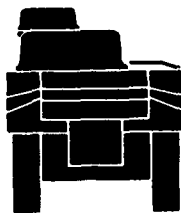
MEDIUM TANK  
(Similar to  
United States Army  
Medium Tank M3)



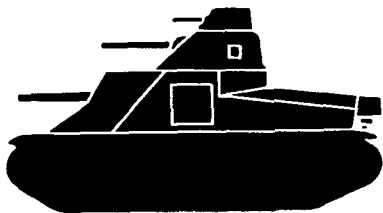
Top



Front

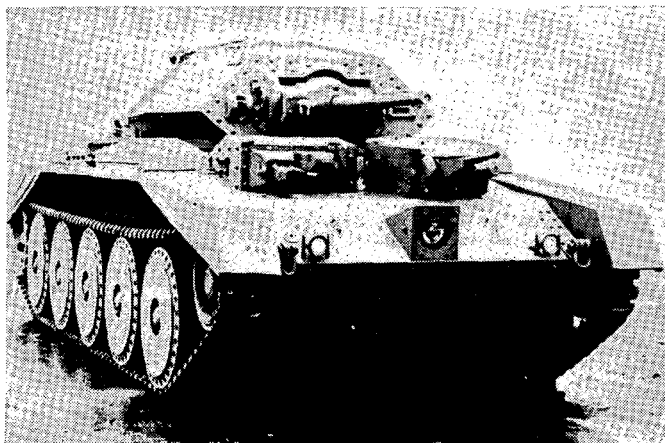


Rear



Side

BRITISH  
ARMY



MEDIUM TANK  
CRUISER TANK, MARK VI A15

1. Crew: Five.
2. Armament: One 1-pounder or 2-pounder or 3-inch howitzer and one 7.92-mm Besa in turret; two 7.92-mm Besa; one 2-inch bomb thrower.
3. Ammunition: 5,175 rounds 7.92-mm; thirty 2-inch smoke bombs; 151 rounds 2-pounders or 54 rounds 3-inch howitzer.
4. Armor, thickness: 1.57-inch.  
Upper structure:  
Front:  
Sides:
5. Turret:
6. Vision:
7. Ventilation: Two ejector fans.
8. Communications: No. 9 radio.  
Internal: Tannoy loud speaker.
9. Dimensions:  
Length: 19 feet 3 inches.  
Width: 8 feet 8 inches.  
Height: 7 feet 2 inches.
10. Weight: 19.6 tons.
11. Motor: Liberty.  
Type: 12-cylinder V.  
Cooling system: Water.  
Horsepower: 340 horsepower at 1,550 revolutions per minute.  
Horsepower per ton: 17.35.
12. Drive: Wilson Epicyclic gear with skid brake.
13. Speed:  
Cross-country:  
Road:  
Maximum: 30 miles per hour.
14. Cruising radius, at \_\_\_\_\_ speed 110 miles.
15. Operating distance without refill: Capacity, 132 gallons.
16. Gear speeds and ratios: Four forward, one reverse.
17. Turning radius:
18. Suspension, type: Christie, 10 wheels each—bogie on independent axle.
19. Performance:  
Ground clearance: 1 foot 3 inches.  
Climbs 30° slopes.  
Negotiates vertical obstacle 1 foot 6 inches high.  
Crosses trenches 7 feet 6 inches wide.  
Fords streams 3 feet deep.
20. Remarks:

IDENTIFICATION OF BRITISH ARMORED VEHICLES

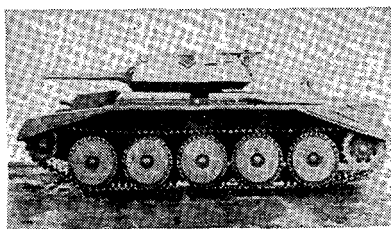
BRITISH  
ARMY

MEDIUM TANK  
CRUISER TANK  
MARK VI A15

Top.

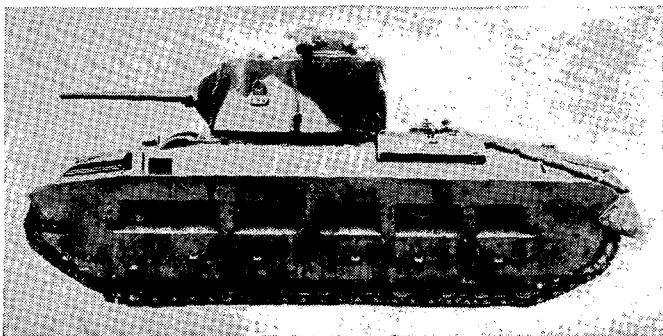
Front.

Rear.



Side.

BRITISH  
ARMY



MEDIUM TANK  
INFANTRY TANK MARK II

1. Crew: Four.
2. Armament: One 40-mm gun; one .303-cal. machine gun.
3. Ammunition: 67 rounds 40-mm; 3,250 rounds .303-cal.
4. Armor, thickness: 2.75 inches.  
Upper structure:  
Front:  
Sides: 1 inch.
5. Turret: Cast armor.
6. Vision: Grundlach periscope; slits with triplex blocks.
7. Ventilation:
8. Communications:  
Internal: Voice tube.  
External: Radio, lamp, flag.
9. Dimensions:  
Length: 18 feet 9 inches.  
Width: 8 feet 3 inches.  
Height: 8 feet 5 inches.
10. Weight: 28 tons.
11. Motor: Two AEC.  
Type: 6-cylinder Diesel.  
Cooling system:  
Horsepower: 95 horsepower at 2,000 revolutions per minute each.  
Horsepower per ton: 6.78.
12. Drive:
13. Speed:  
Cross-country:  
Road:  
Maximum: 15 to 18 miles per hour.
14. Cruising radius, at speed 50 to 60 miles.
15. Operating distance without refill: Capacity, 56 gallons.
16. Gear speeds and ratios: Five forward, one reverse.
17. Turning radius:
18. Suspension, type: Two bogies with four wheels, one independent pair of wheels, jockey wheel forward.
19. Performance:  
Ground clearance:  
Climbs 30° slopes.  
Negotiates vertical obstacle 2 feet 6 inches high.  
Crosses trenches 8 feet wide.  
Fords streams ----- deep.
20. Remarks: Formerly Mark I A 12.



IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

MEDIUM TANK  
INFANTRY TANK  
MARK II

Top.

Front.

Rear.

Side.

BRITISH  
ARMY



MEDIUM TANK  
INFANTRY TANK MARK III VALENTINE

1. Crew: Three.
2. Armament: One 40-mm, one 7.92-mm, one 2-inch mortar.
3. Ammunition: 52 rounds 40-mm; 3,150 rounds 7.92-mm; 18 rounds 2-inch mortar.
4. Armor, thickness:  
Upper structure:  
Front: 2.36 inches.  
Sides:  
Turret: 2¾ inches.
5. Turret: Cast steel cupola.
6. Vision: Four Grundlach periscopes, telescopic sight, triplex blocks on slits.
7. Ventilation: Slits with baffle plates front and rear of turret.
8. Communications:  
Internal: Telephone with loud speaker.  
External: Radio, lamp, flag.
9. Dimensions:  
Length: 17 feet 11 inches.  
Width: 8 feet 9 inches.  
Height: 7 feet 6 inches.
10. Weight: 17.92 tons.
11. Motor: AEC.  
Type: 6-cylinder Diesel.  
Cooling system:  
Horsepower: 150 horsepower at 2,200 revolutions per minute.  
Horsepower per ton: 8.37.
12. Drive:
13. Speed:  
Cross-country:  
Road:  
Maximum: 15 miles per hour.
14. Cruising radius, at ----- speed 93 miles.
15. Operating distance without refill: Capacity, 74.7 gallons.
16. Gear speeds and ratios: Five forward, one reverse.
17. Turning radius:
18. Suspension, type:
19. Performance:  
Ground clearance:  
Climbs 32° slopes.  
Negotiates vertical obstacle 3 feet high.  
Crosses trenches 8 feet wide.  
Fords streams ----- deep.
20. Remarks:

IDENTIFICATION OF BRITISH ARMORED VEHICLES

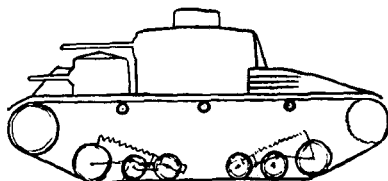
BRITISH  
ARMY

MEDIUM TANK  
INFANTRY TANK  
MARK III VALENTINE

Top.

Front.

Rear.



Side (approximate).

## MILITARY INTELLIGENCE

### BRITISH ARMY

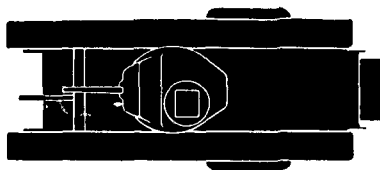
#### MEDIUM TANK INFANTRY TANK M-IV (A-22)

1. Crew: Five.
2. Armament:
  - Turret: One 2-pounder;  
1 machine gun; 1 sub-  
machine gun; 1 smoke  
mortar; and 1 Bren  
machine gun.
  - Hull front: One 3-inch  
howitzer and one sub-  
machine gun.
3. Ammunition: 150 rounds for  
2-pounder; 600 rounds for  
Bren machine gun; 400  
rounds for submachine  
gun.
4. Armor, thickness:
  - Upper structure:  $\frac{3}{4}$   
inch.
  - Front:  $3\frac{1}{2}$  inches.
  - Sides: 3 inches.
  - Turret:  $3\frac{1}{2}$  inches.
5. Turret: One telescope, three  
periscopes, three lookouts.
6. Vision:
7. Ventilation:
8. Communications:
9. Dimensions:
  - Length: 23 feet 6 inches.
  - Width: 10 feet 8 inches.
  - Height: 8 feet 1 inch.
10. Weight: 35 tons.
11. Motor:
  - Type: Vauxhall 12-  
cylinder flat engine.
  - Cooling system:
  - Horsepower: 360.
  - Horsepower per ton:
12. Drive:
13. Speed:
  - Cross-country:
  - Road:  
Maximum:  $16\frac{1}{4}$  miles  
per hour at 2,400 revo-  
lutions per minute.
14. Cruising radius, at -----  
speed 100 miles.
15. Operating distance without  
refill:
16. Gear speeds and ratios:
17. Turning radius:
18. Suspension, type: New type  
of 22 independent units.
19. Performance:
  - Ground clearance: 1 foot  
8 inches.
  - Climbs  $30^\circ$  slopes.
  - Negotiates vertical ob-  
stacle ----- high.
  - Crosses trenches -----  
wide.
  - Fords streams 3 feet  
deep.
20. Remarks: About 60 per week  
being manufactured.

IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

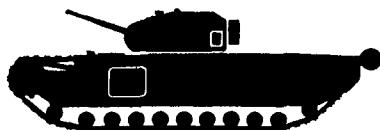
MEDIUM TANK  
INFANTRY TANK  
M-IV (A-22)



Top.

Front.

Rear.



Side.

**MILITARY INTELLIGENCE**

**BRITISH  
ARMY**

**HEAVY TANK**

**ASSAULT OR FORTRESS TANK**

IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

HEAVY TANK  
ASSAULT OR FORTRESS TANK

Top.

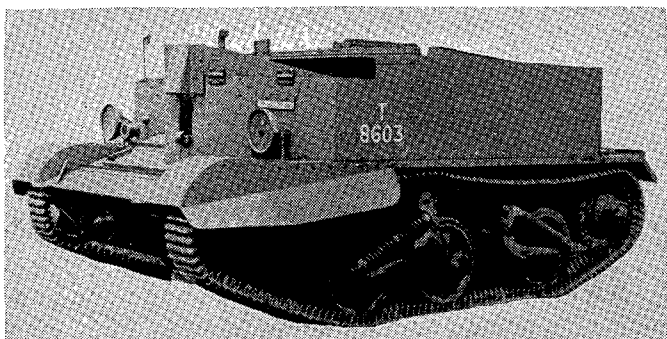
Front.

Rear.

Side.

# MILITARY INTELLIGENCE

## BRITISH ARMY



### PERSONNEL CARRIER BREN MACHINE GUN CARRIER NO. 2 MARK I

1. Crew: Three.
2. Armament: One Bren machine gun or .55 Boys anti-tank rifle.
3. Ammunition:
4. Armor, thickness:
  - Upper structure:  $\frac{5}{16}$  inch (approximate).
  - Front:
  - Sides:
5. Turret:
6. Vision: Slits and telescope.
7. Ventilation:
8. Communications: None.
9. Dimensions:
  - Length: 11 feet 10 inches.
  - Width: 6 feet 10 inches.
  - Height: 4 feet 4 inches.
10. Weight:  $3\frac{1}{2}$  tons.
11. Motor: Ford.
  - Type: V-8.
  - Cooling system:
  - Horsepower: 30.
  - Horsepower per ton:
12. Drive: Girling type brakes.
13. Speed:
  - Cross-country: 20 miles per hour.
  - Road: 30 miles per hour.
  - Maximum:
14. Cruising radius, at ----- speed ----- miles.
15. Operating distance without refill: Capacity, 20 gallons.
16. Gear speeds and ratios:
17. Turning radius:
18. Suspension, type: 6-wheel.
19. Performance:
  - Ground clearance: 10 inches (estimated).
  - Climbs  $25^{\circ}$  slopes.
  - Negotiates vertical obstacle 2 feet high.
  - Crosses trenches 5 feet wide.
  - Fords streams 1 foot 6 inches deep.
20. Remarks:



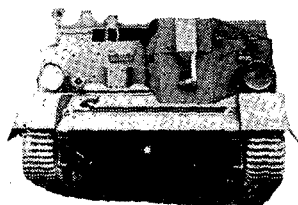
IDENTIFICATION OF BRITISH ARMORED VEHICLES

BRITISH  
ARMY

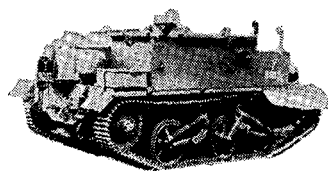
PERSONNEL CARRIER  
BREN MACHINE GUN  
CARRIER NO. 2 MARK I



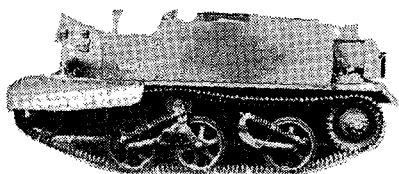
Side (old model).



Front.



Rear.



Side.



~~RESTRICTED~~

WAR DEPARTMENT  
THE ADJUTANT GENERAL'S OFFICE  
WASHINGTON

In reply  
refer to AG 062.11 FM 30-41  
(2-26-42)PC-C

March 7, 1942.

SUBJECT: Change in classification of  
FM 30-41.

TO: Chief Signal Officer.

— The classification of FM 30-41 (Identification of  
British Armored Vehicles), May 27, 1941, is changed from  
"Confidential" to "Restricted".

By order of the Secretary of War:

*Orsen G. Paxton*  
Adjutant General.

OFFICE OF THE  
CHIEF SIGNAL OFFICER

MAR 9 10 28 AM '42

RECEIVED

~~RESTRICTED~~